

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: BORRAN et al.

Title: METHOD AND APPARATUS TO ESTABLISH  
CONSTELLATIONS FOR IMPERFECT CHANNEL STATE  
INFORMATION AT A RECEIVER

Appl. No.: 10/523,167

International Filing Date: 5/29/2003  
371(c) Date: 03/10/2006

Examiner: Kevin Michael Burd

Art Unit: 2611

Confirmation Number: 8220

**AMENDMENT TRANSMITTAL**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application.

[ **X** ] The fee required for additional claims is calculated below:

|  | Claims<br>As<br>Amended |   | Previously<br>Paid For |   | Extra<br>Claims<br>Present |   | Rate     |   | Additional<br>Claims Fee |
|--|-------------------------|---|------------------------|---|----------------------------|---|----------|---|--------------------------|
| Total Claims:  | 28                      | - | 25                     | = | 3                          | x | \$52.00  | = | \$156.00                 |
| Independent<br>Claims:                               | 7                       | - | 7                      | = | 0                          | x | \$220.00 | = | \$0.00                   |
| First presentation of any Multiple Dependent Claims: |                         |   |                        |   |                            | + | \$390.00 | = | \$0.00                   |
| CLAIMS FEE TOTAL                                     |                         |   |                        |   |                            |   |          | = | \$156.00                 |

[ ] Applicant hereby petitions for an extension of time under 37 C.F.R. §1.136(a) for the  
total number of months checked below:

|                          |   |            |          |
|--------------------------|---|------------|----------|
| <input type="checkbox"/> | Extension for response filed within the first month:  | \$130.00   | \$0.00   |
| <input type="checkbox"/> | Extension for response filed within the second month: | \$490.00   | \$0.00   |
| <input type="checkbox"/> | Extension for response filed within the third month:  | \$1,110.00 | \$0.00   |
| <input type="checkbox"/> | Extension for response filed within the fourth month: | \$1,730.00 | \$0.00   |
| <input type="checkbox"/> | Extension for response filed within the fifth month:  | \$2,350.00 | \$0.00   |
|                          | EXTENSION FEE TOTAL:                                  |            | \$0.00   |
| <input type="checkbox"/> | Statutory Disclaimer Fee under 37 C.F.R. 1.20(d):     | \$140.00   | \$0.00   |
|                          | CLAIMS, EXTENSION AND DISCLAIMER FEE TOTAL:           |            | \$156.00 |
| <input type="checkbox"/> | Small Entity Fees Apply (subtract ½ of above):        |            | \$0.00   |
|                          | Extension Fees Previously Paid:                       |            | \$0.00   |
|                          | TOTAL FEE:  |            | \$156.00 |

The above-identified fees of \$156.00 are being paid by credit card via EFS-Web.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by the credit card payment instructions in EFS-Web being incorrect or absent, resulting in a rejected or incorrect credit card transaction, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

If any extensions of time are needed for timely acceptance of papers submitted herewith, applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date May 19, 2009

By



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